

Message Text

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41/51

ACTION EB-06

INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 RSC-01 TRSE-00

EUR-08 AEC-05 ISO-00 MC-01 EA-06 DRC-01 (ISO) W

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R 181336Z OCT 74

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C O N F I D E N T I A L SECTION 01 OF 03 OECD PARIS 24617

EXCON

C O R R E C T E D C O P Y (OMITTED PORTION NUMBERED PARA 2)

E.O. 11652: XGDS1

TAGS: ESTC, COCOM

SUBJECT: REVIEW OF IL 1565 - COMPUTERS

REFS: A. COCOM DOC. REV (71) 1565/15

B. OECD PARIS 24486

SUMMARY: HEAVY GOING AGAIN FOR THE US PROPOSAL ON THE FOURTH DAY OF THE COMPUTER REVIEW. OTHER DELEGATIONS CONTINUED TO OFFER (AND SUPPORT EACH OTHER IN) AMENDMENTS TO INCREASE PARAMETERS AND LOWER SECURITY CONDITIONS OF NOTE 5 PROCEDURE. MESSAGE BELOW GIVES THE DETAILS. DEBATE CONTINUES FRIDAY, OCT. 18 AND THERE IS GENERAL RECOGNITION THAT DISCUSSION WILL BE RESUMED AFTER PRESENTLY SCHEDULED 74 LR SESSION IN DECEMBER. END SUMMARY.

1. CONTINUED DISCUSSION ON REF A STARTING WITH NOTE 5(G)(2). AS GENERAL MATTER, ON ALL CHANGES TO REF A INDICATED BELOW, US RESERVED. ON (G)(2), ALL DELS ACCEPTED US PROPOSAL ON PDR OF 32 MILLION BITS PER SECOND. ON (G)(3), GERMAN DEL PROPOSED INCREASE TO 8.4 MILLION BITS BASED ON CONSISTENCY WITH SYSTEMS OF PROPOSED BUS RATE (110 MILLION BITS PER SECOND) AND PDR (32 MILLION
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BITS PER SECOND) APPLICABLE SECURITY CONDITIONS. AFTER

FRENCH AND UK DELS SUPPORTED GERMAN PROPOSAL, US STRONGLY INDICATED SIGNIFICANT INCREASE IN CAPABILITIES AND ATTENDANT SECURITY RISKS RESULTING FROM PROPOSALS. ALL DELS ACCEPTED PROPOSAL. UK, FRENCH, CANADIAN AND ITALIAN DELS INDICATED THEY COULD NOT ACCEPT US POSITION. GERMAN AND JAPANESE DELS RESERVED ON US PROPOSAL AND BELGIUM DEL COULD ACCEPT US PROPOSAL.

2. ON PART (G)(4)(I), UK STATED THAT THEIR POSITION WAS TO PERMIT EXPORT OF EDS 100-3330 DISC DRIVES UNDER NOTE 5. AFTER BRIEF TECHNICAL MEETING TO RESOLVE INTERPRETATION OF "TOTAL EFFECTIVE BIT TRANSFER RATE" ALL DELS COULD ACCEPT US PROPOSAL OF 8 MILLION BITS PER SECOND. INTERPRETATION PROBLEM APPARENTLY WAS BASED ON US CASE ON 370/155 AND SOME ICL CASES IN WHICH THE "TOTAL EFFECTIVE BIT TRANSFER RATE" WAS APPLIED AS SUM OF TRANSFER RATES OF ALL DISC UNITS RATHER THAN BY THE NUMBER OF DISC UNITS WHICH COULD TRANSFER DATA SIMULTANEOUSLY. COMMENT: APPARENTLY OEA TECHNICIANS HAVE BEEN MISINTERPRETING EXISTING 1565 NOTE 1 DEFINITION (AS REFLECTED BY COMMENTS BY UK AND GERMAN TECHNICIANS).

3. ON PART (G)(4)(II), GERMAN DEL PROPOSED AN "EFFECTIVE BIT TRANSFER RATE" OF 3.5 MILLION BITS PER SECOND TO ACCOMMODATE EDS-100-3330. MANY DELS RESERVED ON US POSITION WHILE ALL DELS EXCEPT JAPANESE COULD ACCEPT OR PREFERRED GERMAN PROPOSAL. JAPANESE DEL COULD NOT ACCEPT US POSITION AND WANTED 1.6 MILLION BITS PER SECOND BUT WOULD PREFER THE GERMAN PROPOSALS. AT THIS TIME US MADE STRONG STATEMENT ON THE PERFORMANCE OF THE SYSTEMS EXPORTABLE UNDER PROPOSALS, THE SECURITY RISKS INVOLVED UNDER THE PROPOSED WEAKENED SECURITY CONDITIONS AND THE RECOURSE TO THE GENERAL EXCEPTION PROCEDURES FOR LARGER SYSTEMS TO CLEARLY CIVILIAN PURPOSES. THE US CONSIDERED ONE CLASS OF COMPUTERS UNDER APPROPRIATE SECURITY CONDITIONS WHILE OTHER DELS WERE PROPOSING THAT A LARGER CLASS OF SYSTEM BE CONSIDERED FOR EXPORT UNDER MATERIALLY WEAKENED SECURITY CONDITIONS. AFTER STATEMENT, GERMAN DEL INDICATED THAT IF THEY COULD NOT EXPORT EDS100-3330 UNDER THIS NOTE THAN THIS NOTE WOULD CONFIDENTIAL

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NOT BE VERY USEFUL.

4. ON PART (G)(4)(III) ALL DELS COULD ACCEPT US POSITION OF 12 TAPE DRIVES.

5. ON PART (G)(4)(IV)(A), GERMAN DEL PROPOSED A TOTAL "NET CAPACITY" OF 6500 MILLION BITS (8-EDS 100-3330 DRIVES). UK. FRENCH AND JAPANESE DELS COULD NOT ACCEPT

US POSITION BUT COULD ACCEPT GERMAN PROPOSAL. NETHER-
LANDS PREFERRED GERMAN PROPOSAL AND CANADIAN AND ITALIAN

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ACTION EB-06

INFO OCT-01 EUR-08 ISO-00 CIAE-00 COME-00 DODE-00 NSAE-00

RSC-01 TRSE-00 AEC-05 MC-01 EA-06 DRC-01 /029 W

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DELS COULD ACCEPT US PROPOSAL. ON PART (G)(4)(IV)(B),
GERMAN DEL PROPOSED MEMORY PERFORMANCE FACTOR OF 135,000
TO ACCOMMODATE EDS 100-3330 DISC DRIVES. ALL DELS EX-
CEPT CANADIAN AND ITALIAN ACCEPTED GERMAN PROPOSAL.
ITALIAN DEL COULD ACCEPT US PROPOSAL AND CANADIAN DEL
WOULD ACCEPT A MEMORY PERFORMANCE FACTOR OF 52000
(EQUIVALENT OF A DUAL DENSITY 2314). ON PART (G)(4)(IV)
(C) ALL DELS COULD ACCEPT US POSITION. COMMENT: AP-
ARENTLY GERMAN AND UK DELS WERE STRONGLY PUSHING FOR
CONSIDERATION OF EDS 100-3330 DISC DRIVES UNDER NOTE 5.
OTHER DELS SEEMED SIMPLY TO PREFER THIS RELAXATION
RATHER THAN THE MORE RESTRICTIVE US PROPOSAL. THIS
ISSUE WILL APPARENTLY REQUIRE RESOLUTION WITH GERMANS
AND BRITISH, AND POSSIBLY FRENCH, OTHERS WILL PROBABLY
GO ALONG WITH ANY POSSIBLE AGREEMENT.

6. ON PART (G)(5) GERMAN DEL SUGGESTED DELETION BUT
COULD ACCEPT AN "EFFECTIVE BIT TRANSFER RATE" OF 4800
BITS PER SECOND. CANADIAN DEL COULD ACCEPT US PROPOSAL.
ALL OTHER DELS ACCEPTED OR PREFERRED GERMAN PROPOSAL. ON
PART (G)(6)(I), UK PROPOSED A "TOTAL EFFECTIVE BIT
TRANSFER RATE" OF 24000 BITS PER SECOND BASED ON NEEDS

OF LARGE SYSTEMS WITH MANY TERMINALS WHERE LOWER RATES INCUR UNACCEPTABLE TURN-AROUND DELAYS. (LATER, BI-LATERALLY WITH UK TECHNICIAN, US TECHNICIAN INDICATED THAT IN TYPICAL SYSTEMS, WHERE DATA CONCENTRATORS WERE CONFIDENTIAL

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USED FOR ECONOMIC REASONS, THESE DEVICES MATERIALLY REDUCED TURN-AROUND DELAYS MAKING A LOWER VALUE OF "TOTAL EFFECTIVE BIT TRANSFER RATE" PRACTICAL. UK TECHNICIAN INDICATED HE WOULD CONSIDER HIS POSITION.) ITALIAN DEL RESERVED FOR FURTHER STUDY AND ALL OTHER DELS ACCEPTED OR PREFERRED UK PROPOSAL. ON PART (G)(6)(II), GERMAN DEL PROPOSED AN "EFFECTIVE BIT TRANSFER RATE" FOR ANY "COMMUNICATION CHANNEL" OF 4800 BITS PER SECOND BASED ON TYPES OF SYSTEMS IN WHICH TERMINALS WERE OUTSIDE OF "COMPUTER OPERATING AREA" BUT WITHIN SAME PLANT. IN SUCH SYSTEMS CABLE RUNS WERE SHORT AND COULD SUPPORT THE HIGHER TRANSFER RATE. UPON QUESTIONING BY US DEL, GERMAN DEL AGREED THAT COMMUNIST PUBLIC COMMUNICATION FACILITIES COULD NOT SUPPORT MORE THAN 2400 BIT PER SECOND TRANSFER RATE. CANADIAN DEL COULD ACCEPT US PROPOSAL, ALL OTHER DELS ACCEPTED OR PREFERRED GERMAN PROPOSAL. ON PARTS (G)(6)(III) AND (IV) ALL DELS COULD ACCEPT US PROPOSAL.

7. ON LAST PARAGRAPH OF NOTE 5, JAPANESE DEL SUGGESTED THAT US THREE TIER SYSTEM OF SECURITY CONDITIONS (I.E., DIFFERENT CONDITIONS FOR COMPUTERS FOR PDR OF 8-16, 16-20, AND 20-32) WAS TOO COMPLICATED AND SUGGESTED A TWO TIER SYSTEM (I.E., 8-20 AND 20-32). GERMAN DEL INDICATED THAT FOR COMPETITIVE REASONS THE PDR CUTOFFS OF 16 PLACED IBM 370/145 BELOW LEVEL WITH EASY SECURITY CONDITIONS AND SIEMENS 4004-150 AND UNIDATA ABOVE LEVEL WITH TOUGHER CONDITIONS. FOR THAT REASON GERMAN DEL PROPOSED TWO TIER SYSTEM OF 8-24 AND 24-32. LATER, GERMAN DEL STATED THAT FOR COMPETITIVE REASONS THEY COULD AGREE TO A LOWER LEVEL (POSSIBLY PDR OF 13) BELOW THE IBM 370/145. CANADIAN DEL COULD ACCEPT US PROPOSAL IF MONTHLY VISIT WERE CHANGED TO QUARTERLY AND THEN TO SEMI-ANNUALLY. ITALIAN DEL RESERVED FOR STUDY. FRENCH DEL HAD A GENERAL RESERVE. UK DEL ALSO SUGGESTED TWO TIERS (8-24 AND 24-32) WITH QUARTERLY VISITS IN UPPER RANGE ONLY AND THE NETHERLANDS DEL AGREED. AT THIS

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INFO OCT-01 EUR-08 ISO-00 CIAE-00 COME-00 DODE-00 NSAE-00

RSC-01 TRSE-00 AEC-05 MC-01 EA-06 DRC-01 /029 W

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POINT US AGAIN MADE A STRONG STATEMENT AGAINST PROPOSALS. US POINTED OUT THAT COMPUTERS WITH PDR OF 24 OR LESS, 8-3330 DISC DRIVES AND AN INTERNAL MEMORY OF 8.4 MILLION BITS WOULD BE EXPORTED EFFECTIVELY AS AN ADMINISTRATIVE EXCEPTION WITH NO POST-FACTO VISITS. THIS POSITION WAS ENTIRELY INCONSISTENT WITH ANY REASONABLE CONSIDERATION OF THE SECURITY RISK INVOLVED OR THE CAPABILITIES OF THE COMMUNIST COUNTRIES. ON THIS BASIS THE US WOULD HAVE TO SERIOUSLY REVIEW ITS POSITION ON THIS NOTE AND OTHER PARTS OF ITS PROPOSAL.

8. AFTER ABOVE STATEMENT, UK PROPOSED MINOR AMENDMENT TO LAST SENTENCE OF NOTE 5. DELETE ALL AFTER "A CRT" AND INSERT "ARE ALPHANUMERICAL CRT DISPLAY WITH OR WITHOUT PERIPHERALS FREE FROM EMBARGO UNDER NOTE 1." ITALIAN DEL RESERVED FOR STUDY AND ALL OTHER DELS INCLUDING US AGREED. ON SOU ON NOTE 5, UK PROPOSED INSERTION IN FOURTH LINE AFTER WORD "AGENCY" THE PHRASE "IN ACCORDANCE WITH NOTE 5(D)". CANADIAN AND UK DELS PROPOSED CHANGING WORD "CIVIL" TO "NON-STRATEGIC". FRENCH DEL HAD A GENERAL RESERVE. ALL DELS INCLUDING US ACCEPTED UK PROPOSAL. US RESERVED AND JAPANESE DEL OPEN-MINDED ON CANADIAN PROPOSALS. OTHER DELS ACCEPTED CANADIAN PROPOSAL.
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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: NEGOTIATIONS, COMPUTERS
Control Number: n/a
Copy: SINGLE
Draft Date: 18 OCT 1974
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: shawdg
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1974OECDP24617
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: X1
Errors: N/A
Film Number: D740297-0588
From: OECD PARIS
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1974/newtext/t19741036/aaaabdzk.tel
Line Count: 269
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION EB
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 5
Previous Channel Indicators:
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: A. COCOM DOC. REV (71) 1565/15
Review Action: RELEASED, APPROVED
Review Authority: shawdg
Review Comment: n/a
Review Content Flags:
Review Date: 19 MAR 2003
Review Event:
Review Exemptions: n/a
Review History: WITHDRAWN <30 APR 2002 by boyleja, 3.4.X9>; RELEASED <19 MAR 2003 by shawdg>; APPROVED <19 MAR 2003 by shawdg>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: REVIEW OF IL 1565 - COMPUTERS
TAGS: ESTC, COCOM
To: STATE
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005